

Special Issue

Liposomal and Lipid-Based Drug Delivery Systems and Vaccines

Message from the Guest Editor

This Special Issue is addressed to those authors who are currently engaged in research on the use of liposomes, lipid nanoparticles (non-vesicular supramolecular systems, as opposed to classical liposomes), and other lipid-based formulations for the development of drug delivery systems and vaccines. The issue is aimed at considering a wide variety of the aspects surrounding the creation and characterization of lipid-based formulations (structural and functional), including delivery systems for small molecule drugs, peptides, oligonucleotides, aptamers, proteins, antibodies, and nucleic acid molecules. Systems for the targeted delivery of therapeutic agents, both to organs and tissues and to intracellular organelles, will also be considered in the scope. The undesirable effects mediated by the immune system in response to the introduction of lipid-based formulations (such as hypersensitivity reactions and others) and the mechanisms of their emergence will also be addressed.

Guest Editor

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